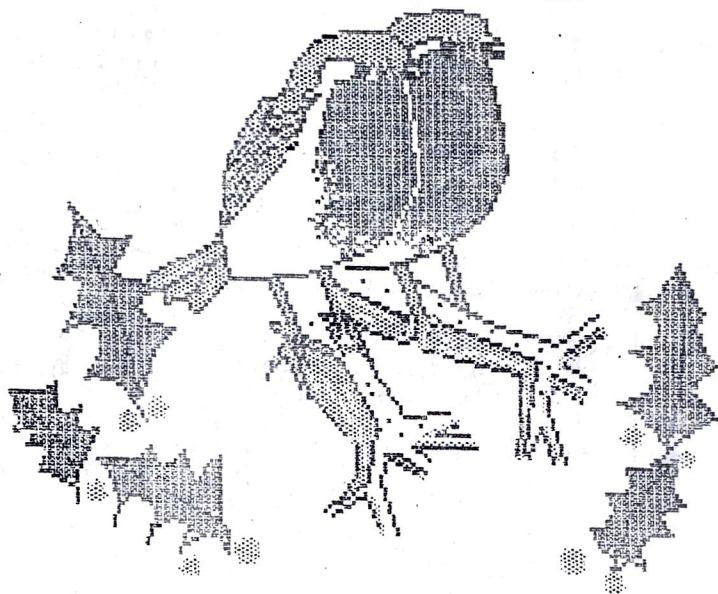


# ABUG

## Christmas Greetings



DECEMBER 1986

#42

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## DIARY

The next few meetings will be held on:

7 January 1987  
21 January  
4 February  
18 February

Note that there is a 3 week gap before the next meeting.

All meetings are held in the Shakespeare Hotel on Gibraltar Street, near Sheffield city centre.

## 1987 SUBSCRIPTIONS

It is subscription time again, I'm afraid, and we have been forced to increase the charges to keep the club solvent. The rates for next year are as follows:

Adult Membership	£12
Junior (under 16)	£4
Family Membership	£14

However, if you pay your subscription before 31 January, you can make a significant saving, as the following rates will apply:

Adult Membership	£10
Junior (under 16)	£3
Family Membership	£12

Alternatively, you can pay 60p (30p if you are under 16) per meeting attended.

## RTTY

Over the last few meetings there has been quite a lot of interest shown in the RTTY/CW/SSTV/AMTOR program that I have on disc. RTTY stands for radio teletype and it conforms to baudot code protocols. It is used by radio hams all over the world, but its main use is for transmitting world news from news agencies. This news is totally unedited and can be picked up almost anywhere on the shortwave bands between 2.0Mhz & 30Mhz. You will need to use a radio which is capable of clarifying S.S.B signals and it helps if the radio is pretty stable, by that I mean it does not drift. But don't let the above points give you the idea that you have to go out and buy the very latest up to the minute state-of-the-art radio, I use a 20 year old Eddystone EC10 which by the way must have been the first transistor set after valves, in fact I picked this radio up rather cheaply. (45 POUNDS!)

Other stations transmitting RTTY include embassies, marine, Interpol, military etc. When listening for RTTY it sounds like a continuous chirping. The speed of RTTY can be either 45, 50, 75 or 100 baud (50 & 75 being the most popular). Some press stations

transmit in reverse shift this means that the high tone becomes the low tone and the low tone the high tone. I have received RTTY from countries which include:- Russia (Tass), Germany (ADN), China (Beijing), Warsaw (pap), USA (VOA), Pyongyang (Korea) etc. All that is needed to decode RTTY is a very simple interface which can be constructed very cheaply from readily available components. The software is by technical software (wales); it comes in two different forms one for decoding RTTY/CW/SSTV/AMTOR and the other enables you to transmit and receive RTTY/CW. CW by the way is the mode for morse decoding. If there is anybody out there that is interested in this subject get in contact with me at one of the meetings and I will sort you out with the software and the interface details. Here is an extract from an American press station.....

mr. bhagwati, who spoke from london, where he was attending a legal conference. He believed that indian courts are capable of evolving methods of dealing with them. he added that the entire issue needed much more thought.

responding to criticism of the backlog of cases in the indian courts. justice bhagwati said that the supreme court had moved swiftly on issues of national importance. one of those, he said, involved the purportedly unsafe conditions at a chemical plant in new delhi. the plant leaked petroleum last winter, setting off a general panic in the indian capital....

christian science monitor (may 14), mervyn de silva in colombo:

that prompted the coining of the word +serendipity+ 200 years ago -- are now have to live with the almost daily violence of ethnic strife.

nnnn

14/22:56 gmt

+nea305 05/14/86

(article on drug enforcement)

by louise fenness -- united states government and state law report by the drug enforcement

administration (dea), the cooperative state and federal marijuana eradication program in excess of 14 million

dollars. for the first time all 50 states in the united states participated, up from 25 in 1982.

dea estimates that the value of domestically grown marijuana is approximately 3.75 billion dollars. only about 12 percent of the marijuana consumed in the united states is domestic, down from 15 percent three years ago.

nnnn

14/23:03 gmt

+++ End cast +++

S K Orme



## WHAT'S IN THE MAGS?

A & B COMPUTING, Jan 1987, Vol 4, #1, 132pp, £1.50

## Features &amp; Programs:

The new Domesday System / ADFS Menu - sideways RAM & ROM / Christmas card listing / Micros for admin in schools / Computer Concepts' ROM-link / Communications / Bionic Bert - children's game using Speech.

## Reviews:

Cumana's 16 bit OS-9 co-processor / Citizen Premiere 35 printer / Hybrid's Music 5000 / Clares' Ramrod / Clares' Artista / 4Mation's Dinosaur Discovery / DataGem, System Delta & DDD database systems / Viglen PC case for the Master 128 / Master Compact / Games and adventures

Because this Newsletter had to be prepared rather earlier than usual, because of possible Christmas postal delays, neither Acorn User or The Micro User were published in time to be summarised.

Dave Brown

## SWITCHING SIDEWAYS ROMS

You may sometimes wish to switch one of the sideways roms in your machine off, for example if it is interfering with another rom. There are various manager roms and other programs that will enable you to do this, but if you only need the facility occasionally, it is simple enough to poke a value into memory.

The Beeb holds details of the sideways roms in locations &2A1 to &2B0, for slots 0 to 15. If you do not have a rom expansion board fitted, the four sockets on the computer represent slots 12 to 15 (or &C to &F), and details would be held in locations &2AD to &B0. To examine the contents of these locations, type:

```
FOR A=&2A1 TO &2B0:P.A-&2A1,~A,~?A:NEXT
```

This will print a list of the rom numbers, the table addresses and their contents. To turn any rom off, poke zero into the appropriate address, for example:

```
?&2AF=0
```

Pressing BREAK will reset it to its original value.

Dave Brown

## COVER

This month's cover was designed by Ian Brown. If you want to draw a cover or write an article for the Newsletter, please contact Dave Brown or Pete Frith.